

U30

RECEIVED

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE JUL 29 2002

TECH CENTER 1600/2900

In re Application of : Klaus DUCKER et al.

Serial No.: 10/088,676

Group Art Unit: 1645

#5/jrw
08.23.02

Filed: March 21, 2002

Examiner: Unassigned

For: A NOVEL MEMBER OF THE HEPARANASE PROTEIN FAMILY

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.56, 1.97 and 1.98

Assistant Commissioner for Patents
Washington, D. C. 20231

Sir:

CITED MATERIALS

Applicant(s) hereby disclose the information listed in the attached form PTO-1449.

- ☐ Copies of materials listed but not attached were cited in parent application Serial No. ____; see 37 C.F.R. § 1.98(d).
- ☒ Copies of materials listed but not attached were cited in an International Search Report dated January 5, 2001; receipt of the International Search Report and copies of references was confirmed by the PCT International Division of the U.S. PTO in the Notice of Acceptance mailed June 26, 2002.

ADDITIONAL INFORMATION

LANGUAGE

- ☐ All listed materials are in the English language; see 37 C.F.R. § 1.98.
- ☐ Non-English language references:
 - ☐ The reference(s): _____ in the English-language is (are) indicated by commercial data bases to correspond to the reference(s): _____, respectively.
 - ☐ (An) English-language translation(s) of the references: _____ is (are) provided.
 - ☐ A commercial English-language abstract of reference(s) _____ is (are) provided.
 - ☒ An English-language search report or an equivalent paper from a foreign patent office translated into English in pertinent part in connection with a counterpart foreign application, is provided indicating the relevance of the cited reference(s).

FEES

- ☒ No fee is required for this Information Disclosure Statement because:
- ☐ This Information Disclosure Statement is being filed within three months of the filing date of a national application (other than a CPA) under § 1.53(d) or within 3 months of the date of entry of the national stage under § 1.491 in an international application;
 - ☒ This Information Disclosure Statement is being filed before the mailing of a first action on the merits;
 - ☐ This Information Disclosure Statement is being filed after a first action on the merits but before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that closes prosecution in the application, and is accompanied by a certification below.
 - ☐ This Information Disclosure Statement is filed under 37 C.F.R. § 1.97(i).
- ☐ A fee is required for this Information Disclosure Statement:
- ☐ This Information Disclosure Statement is being filed after a first action on the merits but before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311 or an action that closes prosecution, and is accompanied by the fee set forth in § 1.17(p).
 - ☐ This Information Disclosure Statement is being filed after the mailing date of a final rejection or a notice of allowance under § 1.311 or an action that closes prosecution, but before the payment of the issue fee, and is accompanied by the fee set forth in § 1.17(p) and a certification below.

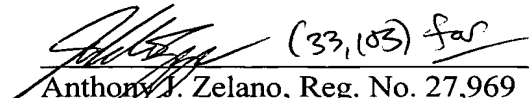
CERTIFICATION

- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the undersigned, having made reasonable inquiry, no such item was known to any individual designated in 37 CFR § 1.56(c), more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

If a fee is due, attached is a check in the amount of \$ _____. However, the Commissioner is hereby authorized to charge fees under 37 CFR § 1.16 and § 1.17 which may be required to facilitate this filing, or credit any overpayment to Deposit Account #13-3402, two copies of this paper are attached for this purpose.

Respectfully submitted,

 (33,103) for

Anthony J. Zelano, Reg. No. 27,969
Attorney/Agent for Applicants

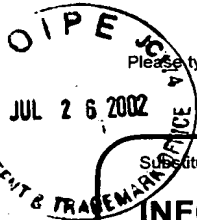
MILLEN, WHITE, ZELANO
& BRANIGAN, P.C.
Arlington Courthouse Plaza 1
2200 Clarendon Blvd. Suite 1400
Arlington, Virginia 22201
Telephone: (703) 243-6333
Facsimile: (703) 243-6410

Attorney Docket No.: MERCK-2393

Date: July 26, 2002

AJZ:jr

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box → ☐

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number	10/088,676
Filing Date	March 21, 2002
First Named Inventor	Klaus DUCKER et al
Group Art Unit	1645
Examiner Name	Unassigned
Attorney Docket Number	MERCK-2393

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		E. MCKENZIE et al., "Cloning and Expression Profiling of hpa2, a Novel Mammalian Heparanase Family Member," BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, Vol. 276, No. 3, pp. 1170-1177, October 5, 2000, XP002155087.	
		M.A. KOSIR et al., "Degradation of Basement Membrane By Prostate Tumor Heparanase," JOURNAL OF SURGICAL RESEARCH, Vol. 81, No. 1, pp. 42-47, January 1999, XP002155606, Abstract pg. 45, right-hand column, line 13 - page 46, left-hand column, line 18.	
		M.A. KOSIR et al., "Human Prostate Carcinoma Cells Produce Extracellular Heparanase," JOURNAL OF SURGICAL RESEARCH, Vol. 67, No. 1, pp. 98-105, January 1997, XP002155605, Abstract page 102, right-hand column, line 23 - page 103, left-hand column, line 15.	
		R. STRAUSBERG, "qg97h02.x1 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone IMAGE:1843155 3', mRNA sequence," DATABASE EMBL 'Online' EMBL; ID AI222323, AC AC AI222323, November 30, 1998, XP002155607	

RECEIVED
JUL 29 2002
TECH CENTER 1600/2900

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.